

Appln No. 10/760,262
Amtdt. Dated July 19, 2006
Response to Final Office Action dated May 23, 2006

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REMARKS/ARGUMENTS

The Applicant thanks the Examiner for the Final Official Action dated May 23, 2006. In response to the issues raised, we offer the following submissions and amendments.

Amendments

Claim 1 has been amended to explicitly define that the printhead assembly can change the ratio of print engine controllers (PEC's) to printhead integrated circuits in order to vary the print speed to the printer requirements. As discussed in our previous submissions, this feature is described in detail at pages 25 and 26 of the specification.

Accordingly, the amendments do not add new matter.

Claims – 35USC§102

Claims 1 to 8 stand rejected for lack of novelty in light of US 6,439,908 to Silverbrook et al.

Amended claim 1 clarifies the ability of the invention to select the print speed of the printhead assembly depending on the operational requirements of the printer. Using a drive circuitry unit chosen from a selection of interchangeable drive circuitry units with differing numbers of PEC's, allows the processing power to be varied while keeping the remaining components of the printhead assembly common to the printhead assemblies used in many other printing applications. Ordinary workers in this field will appreciate that this has broad ranging benefits from a production and assembly point of view. The '908 printhead assembly does not provide for tailoring the print speed using the PEC to printhead IC ratio.

Accordingly, the cited disclosure fails to anticipate the combination of elements defined by claim 1. Likewise, the dependent claims are also novel by virtue of their dependence (directly or indirectly) from claim 1.

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The Applicant respectfully submits that the claim rejection has been successfully traversed. Accordingly favorable reconsideration and allowance of the application is courteously solicited.

Very respectfully,

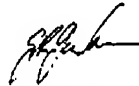
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